

**SEPARABLE MODULATOR**

**ABSTRACT**

A separable modulator architecture is disclosed. The modulator has a mirror suspended from a flexible layer over a cavity. The flexible layer also forms supports and support posts for the mirror. An alternative separable modulator architecture has a mirror suspended over a cavity. The modulator is supported by supports and support posts. The support posts comprise a flexible layer over support post plugs. A bus structure may be formed upon the flexible layer arranged over the support posts.